

claims about 2 1/2 miles from the Century. A very fine showing has been made in the Alice shaft, 150 feet, made in the Alice shaft of ore is in at that point. The body of ore is in a vein about 10 feet thick. The ore is said to be of good milling quality and the company is now directing its efforts towards prospecting its various veins and the securing of patents. A crosscut tunnel 700 feet long is being run to the Alice vein with the view of getting under the old shaft. This will allow the company to handle its ore economically, after which the erection of a mill will be considered. About 200 feet of work has been done in this tunnel. The company is also sinking two shafts at other places on its ground as assessment work. The tunnel on the River vein has just been started. A force of eight men is employed.

SUNRISE GROUP.

The Sunrise company's property, which lies northeast of the Century, is said to be showing an very well by a returned visitor from the ground. The tunnel is in 400 feet and a 2-foot streak of ore has been cut, which assays from \$13 to \$20 per ton. The ore is identical with that of the Century and it is considered that it will develop into a mine.

THE IOWA.

One of the promising properties of the Park Valley district is the Iowa mine, belonging to the company of that name, and of which A. T. Sanford is president. H. P. Mason, vice president, and Geo. H. Greenwood, secretary. There are fifteen claims in the holdings of the company and although organized but a comparatively short time, it has been able to develop a vein of ore to a depth of 1,000 feet. In one place is a shaft 150 feet in depth, from the bottom of which drifts have been made, one of 72 feet, another of 100 feet and the third of 24 feet. A tunnel has also been driven 150 feet in one part of the property and now a new one is being run, which may be required to go a distance of 1,000 feet, although contact with the ore body is anticipated before that depth may have been reached. The tunnel is now in 100 feet and two shafts of men are constantly at work upon it. When the vein may be cut it is estimated that a vertical depth of 250 feet will be gained, so that the tunnel is being constructed for practical working purposes when regular production commences. The vein matter is 24 feet thick, there being 7 feet of quartz on the foot wall and the remainder being filled, on the hanging wall, with a deep-seated oxidized material carrying gold. The quartz carries gold, silver and lead, assaying from \$1.50 to \$3.00 per ton. The company owns only the Century and Colconda and the Iowa veins are identical. The new tunnel 700 feet long, other veins at present 2,000 feet, the main one, and developing it, will be followed to ascertain their width and extent.

THE SUSIE.

The Susie Gold Mining and Milling company, recently organized, has a group of five promising claims, situated on Dove Creek, about a mile above the forks of that stream, in Park Valley. The claims were among the first to be located in that immediate vicinity, and it is conceded by many who have visited the Park Valley district, that, judging from surface indications and assays thus far obtained, no ground more favorable could have been secured. The company has a sum in the treasury, and has yet retained 100,000 shares of treasury stock which will not be sold until the funds now on hand have been expended in a vigorous and systematic development of the property. A force of men is now at work, building cabins, shaft house, blacksmith shop, etc., as well as sinking on the vein. This force is increased after the winter months, and it is confidently expected that the prospect will soon ripen into a paying mine. A recent assay gave a return of \$105.41 in gold and several ounces of silver. A number of leading mining and business men of Salt Lake and Logan are heavily interested in the Susie, and the company is certainly working out under very favorable auspices.

The officers of the company are: Owen A. Bailey, president; Samuel Kirkman, vice president; D. P. Collett, secretary and treasurer; and these, with Benjamin T. Lloyd and John A. Strong, form the board of directors.

IONE GROUP.

At Park Valley the Ione Mining and Milling company, of which J. B. Toronto is president; P. W. Madsen, vice president; B. W. Madsen, secretary and treasurer; with Henry Dinwiddie and D. S. Spencer as directors, owns what is known as the Ione group, consisting of twelve full claims. Ore was found at the top of the ground and a crosscut of the vein was made and a tunnel is now being run underneath. This tunnel has attained a depth of 250 feet and it will be continued until the vein is cut, which it is expected will occur in another 100 feet. At that distance there will be 300 feet of vein in which to stop. The ore is, like all others found in the district, of good values, assays having shown from \$12 to \$20 at the surface. With the depth which will be gained in the tunnel this value will undoubtedly be bettered. As soon as the ore body is reached the company will at once proceed with the erection of a mill for the treatment of the mineral. There is plenty of water on the ground for this purpose.

SUBANNAH GROUP.

The Subannah group adjoins the Century mine in Park valley and is owned by the Subannah Gold Mining and Milling company, of which J. T. White is president; P. W. Madsen, vice president; J. B. Toronto, secretary; E. B. Critchlow, treasurer; A. D. Baker, director. The company has sunk a shaft 100 feet and has contracted for another 100 feet, at which point it is expected the great Lizzie vein of the Century mine will be reached. The company is a new one and is controlled by the Century people.

WEST CENTURY, GOLCONDA AND EL AMIGO.

The West Century and Golconda and the El Amigo on the 200 level a cross-cut drift

properties in Park Valley are neighbors in the Century and carry similar veins of ore. They are in the development stage and the ore so far encountered indicates the ultimate expectation of ore bodies and values like those of the Century mine, which is already famous. The El Amigo is also looked upon as a prospective bonanza of that district, which seems destined to become one of the greatest in the state.

AT STATELINE.

During the year the owners of the Big Fourteen group were very much elated over the discovery of a high-grade streak of ore in that property. The group consists of five claims and is owned by Cedar City people who have driven a crosscut tunnel some distance into the hill at a depth of about 100 feet. This tunnel exposed a new vein of ore several feet wide, which is said to average 12 per ton. In the body of average ore was found a streak of first class ore which caused no little excitement a few months ago. The owners are now sinking to the 150 level and the property gives indications of becoming a producer at no distant day.

BURRO GROUP.

This group of five claims passed into the hands of the Wolf and associates during the year and it is his intention to develop a great deal of extensive development work during the coming year. The property disclosed very good ore veins, which was milled at Pioche in the early days of that camp. There are in this group in addition to between 200 and 300 feet of drifts.

UTAH SPUR.

The Utah Spur is controlled by David Evans and associates, who secured a footing in the camp during the year. For some time past the new owners have been doing considerable work on the Silver Cliff tunnel which has been driven into the hill about 300 feet. The surface showing is very good and it is believed that depth will disclose a paying mine. Some very high grade ore was extracted years ago near the surface and shipments were made to Salt Lake.

GOLD BELT GROUP.

This property is located near the center of the camp. Nearly 700 feet of work has been done on the group and some very good ore has been exposed in the property. It has been developed by tunnel and shaft. Some work was done this fall but nothing has been done during the past few weeks.

THE CREOLE.

The Creole claim has not been worked for some time but it is said to have some good milling ore exposed in the 200 or 400 feet of underground workings.

RICE GROUP.

Some work was done on this group on Rice Mountain during the year. A tunnel has been driven a distance of 250 feet on the ground and some low grade ore has been exposed.

THE MARGARET.

Four men are at work on the Margaret group, which lies between the Johnny and Ophir properties. A shaft to the 100 feet level has been exposed, run east and west on the vein on the 100-foot and 150-foot levels. All the drifts are in low grade ore carrying values in gold and silver. It is the intention to increase the force shortly and it is said that development work will be prosecuted all winter.

THE JOHNNY.

Next to the Ophir the Johnny is perhaps the most interesting proposition in State line. It gives much promise to great things at no distant day though its present owners evidently believe that the ground has not been sufficiently explored to warrant the erection of a new mill. The small one which stands some distance from the mine and which was used some time ago in the treatment of the high grade ore of the surface workings, is not considered sufficiently successful to warrant its further use in the treatment of the ore as the tailings are not close enough for the treatment of the average ore in the mine. Consequently the owners are bending their energies at present towards prospecting at deeper levels. This policy was decided on this fall after the mine had lain idle for some time and the sale of a big block of the stock had been consummated. At present the shaft is down over 200 feet and it is the intention to push it to the 300 level and if, after prospecting to that depth, the mine warrants it, a new mill will be built close to the mine. The property has yielded some sensational gold ore near the surface and the belief is confidently expressed that it is only a question of development work until the Johnny will become a dividend paying mine.

STOCKTON CAMP.

In the Stockton district is the Cygnet group of claims near the Honoring. About 5,000 feet of tunneling has been done on the ground and other development work is being leisurely accomplished, awaiting the completion of the triple compartment shaft on the Honoring.

STOCKTON MINE.

The Stockton Gold Mining and Milling company is working a large property in Soldier Ridge canyon in the Stockton district. A double compartment shaft has been sunk on the property and in the west drift on the 200 level a blind ledge of galena ore and lead carbonates has been exposed. A steam hoist, air compressor and new 50-horse power boiler have been put in. A two-story boarding house erected and a pipe line run to the West Argent for water. In the first part of the year Leyner air drills were put in operation.

has been run in for over 200 feet and in less than another 100 feet the Catherine ledge will be encountered. This fissure is said to be the mother lode of the district and its tapping is expected to produce some gratifying financial results.

SILVER COIN.

Ten claims are included in the Silver Coin group at Stockton, and the character of the ground and the ore encountered are of the same general characteristics as those in the Stockton. In fact both properties are in the hands of the same parties and the policy pursued is similar in each. A tunnel, drifts and winzes have exposed two good milling ore bodies and development work is being pushed through a 300-foot incline shaft on a lime belt dip, from which drifts will open up the ore bodies.

WEST ARGENT.

Large bodies of good milling ore are showing in the West Argent, in the Stockton district, and connection with the Silver Coin group. A drift is being sought in a drift at the 500 level, where three bodies of pay milling rock are in sight and these will be worked to great depth. It is from the ground and an abundant water supply is one of the very desirable features of the property.

GALENA KING.

Until a comparatively recent date the Galena King has been idle since 1883, previous to which it was a dividend payer and good producer. Now, however, a force of men are at work with the intention of ultimately draining the mine of water at whose level work was discontinued and at which point there are exposed fine bodies of ore. With the draining process completed the mine will again enter upon the list of dividend payers.

OPHIR HILL.

Senator W. A. Clark, of Montana, is the owner of the Ophir Hill mine in the Stockton district and which is located a dozen miles from the Honoring railway terminus. Large shipments of concentrates are regularly made from the property.

LAKESIDE.

In Tooele county is a group of claims owned and being developed by the Lakeside Mining company, whose officers are: P. W. Madsen, president; P. F. Hiltz, vice president; R. W. Madsen, secretary and treasurer; Martin Christensen and James A. Nelson, directors. The property is located on the ground so far as development has been prosecuted. A shaft 100 feet in depth is now down and a drift is being run on its side from the bottom. Considerable work has been put out on the 200 level and it is said to have resulted in an average of 65 per cent lead and good silver values. It is the intention to increase the force shortly and it is said that development work will be prosecuted all winter.

DEEP CREEK.

Deep Creek, Dec. 10.—Christmas is near and another year of the poor miner's life is gone, never to be recalled. With all the promises of a railroad to Deep Creek, with all the hopes of the attorneys of all the local roads, we are still where we were last year as far as transportation is concerned. Yet the pork and beans, black coffee and potatoes are as well as ever. The hope that is uppermost in the miner's heart is still there, and will be until the final assay is made and he says twenty-two line before his mark.

Deep Creek is only two hundred miles from Salt Lake City, by the old overland mail line, but it is on the other side of the great American salt, which makes it impossible to ship the wealth in to Salt Lake City from that country.

The mines are looking better than ever and with each advance of the pick or drill there is another silver or gold dollar added to the nation's wealth. Some of the readers of the "News" may live to see a railroad to that now isolated forsaken country; they also may see the great wealth in gold, silver, copper, lead and marble come into Salt Lake City to line the pockets, feed the furnaces and build the beautiful city. To speak of the mines individually and collectively the "News" has no space enough to spare, but to tell of them generally is the object. The Clinton district lies northeast of Deep Creek, on the overland road to the south and then runs north fifteen miles and east and west eight miles. It comprises Gold Hill, with its 18 or 20 patented claims belonging to Woodman, Chisholm and Dunyon. Much gold has been taken out in the past, but the scarcity of water and the poor mills caused them to shut down. The Midas, a gold property, has now a mill on it and will soon be a shipper. The Kearney Canyon, Hopkins Gulch and the Mineral Hill all help to make up a grand total of more than 500 claims that have more or less work on them every year. Many are patented.

J. F. Gardner has opened up a mine that, if it was in Bingham, would be worth a half million.

Fifteen Mile Creek, with the Queen of Sheba as a producer, will come to the front as a gold camp. Johnson Creek, Pleasant Valley, Glencoe, with a mill prematurely built, will fall into other hands some day, and become a great producer. White Cloud, Orem, Diamond Hill and Hunny, all have produced before the mines were robbed of their value by the silver act. Antelope district has a few good prospects. Kingsley has in the past shipped coped claims here. Furber, with many hundreds of tons of silver and lead ore lying on the dump will be a great feeder to railroad.

Dolly Varden once had a copper smelter, but the men all got drunk one night and let the smaller freeze up and it "busted" the company. There are many patented mines in this dis-

trict. Much copper ore has been shipped to Philadelphia, where the mine is yet owned. I have seen 16 per cent copper come out of it. I have seen Bingham, Tintic and Park City, when they did not make as good showing as many of the camps out west, and I expect to see these western camps make as good showing in the future as the others do now. Had J. Gould lived we would have had a railroad by Deep Creek to the coast long ago. There is no road possible in the State that will change the mine, tap as many mining camps, as the one that will be long built to San Francisco, through western Utah, south of Eureka, and through Walker's Pass into California. The D. & R. G. is headed that way now and George Gould sees through his father's eyes. May he continue to see.

GOLD MOUNTAIN.

Since the sale of the Annie Laurie mine to the Kimberly syndicate and the rapid development of that property into the great producer that it has recently become, the Gold Mountain district is coming to the fore in the matter of organization of companies for the working of ground in the district. Of these the great Annie Laurie is the first and the country that once knew Willard Snyder, Jim Long, Gid. Snyder, Henry Outen, Grant Snyder, Messrs. Nelson, Jeffrey, "Sandy" McLean and others who had money to spend in a good thing, and out of the efforts that began with the preliminary work of Senator Frank J. Cannon, Willard Snyder and P. C. Ryan, came like magic the town of Kimberly, the big mine and the splendid mill and machinery of the Annie Laurie. And these are being closely followed by the works of other companies that are continuously being established.

MADSEN GROUP.

Gold Mountain is the scene of operations of the Madsen Gold Mining and Milling company, which owns thirteen claims in the district, now being patented, in close proximity to the great Annie Laurie. A tunnel over 400 feet long has been run into the ground, and a contract has been let for 300 feet more. At this distance of 700 feet it is expected that the vein which was found at the top, and also in a 200 foot tunnel above the new one, will be encountered with a property 200 and 300 feet of stopping ground and higher ore values. In the 300 tunnel, 7,000 tons of ore has already been blocked out and assays of it have returned an average value of \$18 to the ton. A mill is to be put in next spring as soon as the roads into the district are fit for travel. The officers of the company are P. W. Madsen, president; R. W. Madsen, secretary and treasurer; W. A. Worthen and H. A. Nelson, directors.

DIXIE.

Among the properties which have been brought into prominence by eastern capital is the Dixie, which, as its name indicates, is located in Utah's Dixie, near St. George. While producing all of the precious metals this property is chiefly a copper bonanza, and being well developed by Walter C. Plier, who was also a factor in the Annie Laurie after that property was purchased by the syndicate for which he officiated as expert mining engineer. The Dixie is a big element in the metal market already, and its maximum of production and influence have by no means been reached as yet.

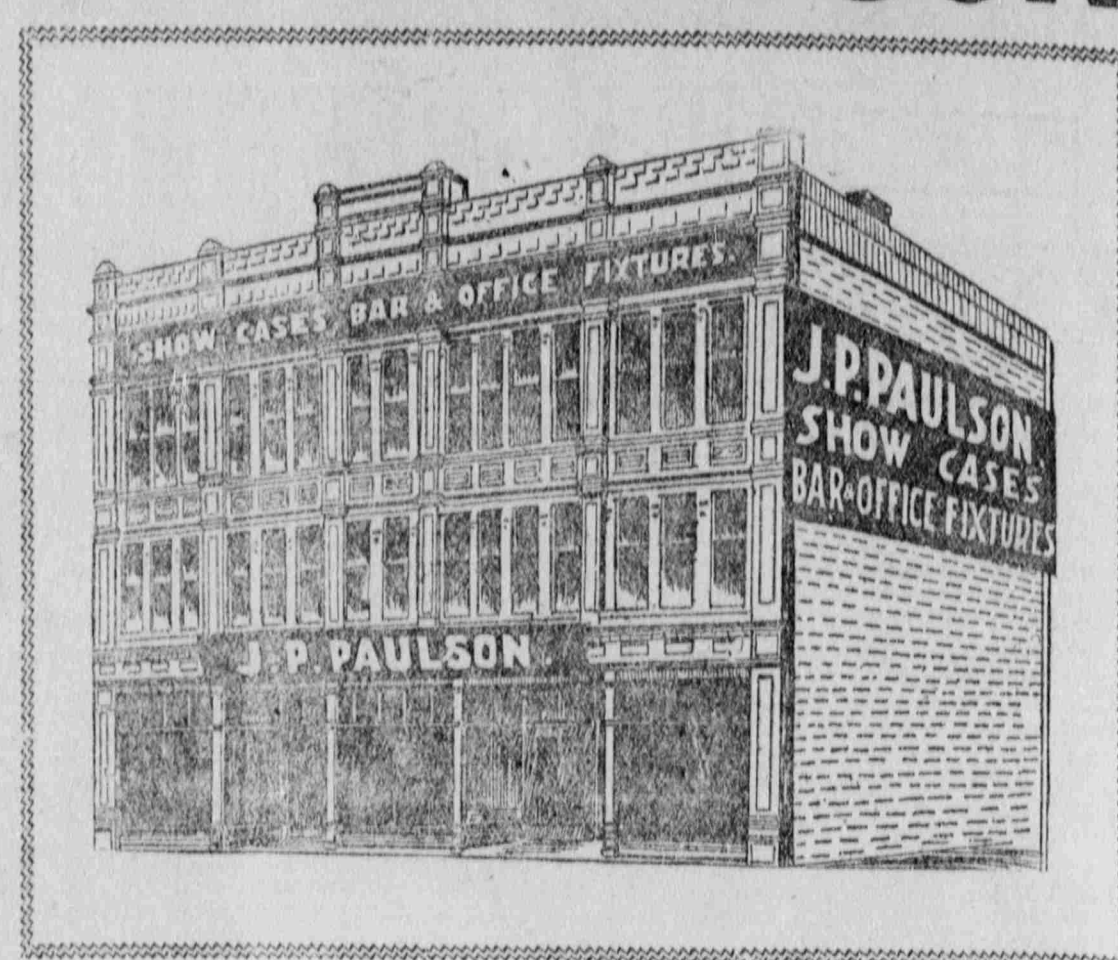
OTHER PROPERTIES.

There are many other prospects and embryo mining propositions, an enumeration of which would involve a great amount of space in these columns, and while all districts have been covered as to their main features, there are many locations which may yet become paying properties upon proper development and exploitation. In the Cottonwoods are the Grizzly, the New State and other mining properties, near St. George the Savanah, and in the mountainous contiguous to Park City are a lot of properties which are being held by assessment and other work of investigation, nearly all of which have indications of hidden wealth that may soon hereafter be brought to the surface by the miners. There are many mining men in this state who are interested in properties in other parts of the country, among them being A. W. McCune, who is the principal owner of the Horseshoe mine just across the Utah-Nevada border, in Lincoln county in the latter state. This property consists of five patented claims from which during the past 15 months over 100,000 pounds of silver and gold bullion have been shipped to Salt Lake, which is headquarters for the company. An incline shaft 400 feet in depth is down on the property and ore is being taken from four levels. Of this company E. V. McCune is president; Jos. S. Wells, vice president; Louis Seckels, secretary and treasurer. A. W. McCune Jr. is president of the Watseca company, operating in Madison county, Mont., and his father is the principal owner. Jos. S. Wells is vice president, and Mr. Seckels secretary and treasurer of this company also. A. W. McCune is now in Peru South America, where he is interested in one of the great mines of that country.

ASSAYERS.

Salt Lake is fortunate in the possession of a large number of capable assayers, who have well equipped plants for the business to be done here, of which there is a large amount. A movement is on foot to obtain for Utah, located in Salt Lake, a government assay office or branch mint, and it is thought by promoters of the idea that success may soon crown their efforts.

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CLOSENESS AND THRIFT.

Two prominent Wall street brokers while at luncheon at the Hoffman house one day last week indulged in a series of good natured recriminations about the tendencies of each to refrain from spending money. One said to the other:

"I don't blame you for being close, it is in the family. Why, I remember your father when he ran a grocery store. He was so close that if a fly settled in the sugar barrel he used to catch the fly, dust its feet off with a broom and let it go."

"So?" said the other. "You needn't be chummy. Your father was a farmer. I can remember when he raised bees. He made those poor bees work hard all day, and not satisfied with that, he crossed them with fighting bugs and made them work nights."

"That's right," said the first, good humoredly. "The old man was a thrifty chap. Why, I remember when he crossed strawberry plants and milkweed and got strawberries and cream. Then they had a drink—New York Tribune.

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